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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.: 2003_1723A

First Named Inventor : Norihito TSUKAHARA et al.

Title: CIRCUIT BOARD AND ITS MANUFACTURING METHOD

Express Mail Label No.:

00727 U.S. PTO
10/727650

120503

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

Commissioner for Patents
ADDRESS TO: P.O. Box 1450
Alexandria, VA 22313-1450

1. ☒ Fee Transmittal Form
(Submit an original, and a duplicate for fee processing)

2. ☐ Small Entity Status is hereby asserted.

3. ☒ Specification [Total Pages: 45]
(preferred arrangement set forth below)
- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Sequence Listing, a table, or a computer program listing appendix.

- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. ☒ Drawing(s) (35 USC 113) [Total Sheets: 11]

5. ☒ Oath or Declaration [Total Pages: 5]
a.1. ☐ Newly executed (original or copy)
a.2. ☒ Unexecuted
b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)

i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named
in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6. ☐ Application Data Sheet (see 37 CFR 1.76)

7. ☐ CD-ROM or CD-R in duplicate, large table or computer program (Appendix)

8. ☐ Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)

- a. ☐ Computer Readable Form
- b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ Paper
- c. ☐ The paper and computer readable copies are identical

ACCOMPANYING APPLICATION PARTS

- 9. ☐ Assignment Papers (cover sheet & document(s))
- 10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee)
☐ Power of Attorney
- 11. ☐ English Translation Document (if applicable)
- 12. ☒ Information Disclosure Statement (IDS)/PTO-1449
☒ Copies of IDS Citations
- 13. ☐ Preliminary Amendment
- 14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
- 15. ☒ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
- 16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i).
Applicant must attach form PTO/SB/35 or its equivalent.
- 17. ☐ Other

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below, and in a preliminary amendment, or in an Application Data Sheet :

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.

Prior Application Information: Examiner Group Art Unit

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference therein. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

CUSTOMER NO.
000513

By: 

Charles R. Watts
Registration No. 33,142

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Washington, D.C. 20006-1021
Phone: (202) 721-8200
Fax: (202) 721-8250

December 5, 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : THE COMMISSIONER IS AUTHORIZED
Norihiro TSUKAHARA et al. : TO CHARGE ANY DEFICIENCY IN THE
Serial No. NEW : FEES FOR THIS PAPER TO DEPOSIT
Filed June 5, 2003 : ACCOUNT NO. 23-0975
: **Attn: APPLICATION BRANCH**
: Attorney Docket No. 2003_1723A

CIRCUIT BOARD AND ITS MANU-
FACTURING METHOD

PATENT OFFICE FEE TRANSMITTAL FORM

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Attached hereto is a check in the amount of \$1,198.00 to cover Patent Office fees relating to filing the following attached papers:


New application \$770.00
Additional Claims Fee:
Excess of Twenty \$342.00
Independent \$ 86.00
Multiple Dependent Fee \$

A duplicate copy of this paper is being submitted for use in the Accounting Division, Office of Finance.

The Commissioner is authorized to charge any deficiency or to credit any overpayment associated with this communication to Deposit Account No. 23-0975, with the EXCEPTION of deficiencies in fees for multiple dependent claims in new applications.

Respectfully submitted,

Norihiro TSUKAHARA et al.

By 
Charles R. Watts
Registration No. 33,142
Attorney for Applicants

CRW/asd
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December 5, 2003

[Check No. 59058]
2003_1723A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :
Norihito TSUKAHARA et al. : **Attn: APPLICATION BRANCH**
Serial No. NEW : Attorney Docket No. 2003_1723A
Filed June 5, 2003 :
CIRCUIT BOARD AND ITS MANU-
FACTURING METHOD

COVER LETTER FOR APPLICATION FILED
WITHOUT EXECUTED DECLARATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The above-identified application has been submitted without an executed oath or declaration.

It is respectfully requested that this application be assigned a serial number and awarded a filing date pursuant to 37 CFR 1.53(b).

A duly executed oath or declaration pursuant to 37 CFR 1.63 will be submitted after notification by the U.S. Patent and Trademark Office pursuant to 37 CFR 1.53(f).


A non-executed copy of the Declaration and Power of Attorney, containing the inventorship information, is attached. It is respectfully requested that all communications be directed to the firm indicated on the attached Declaration and Power of Attorney, namely:

WENDEROTH, LIND & PONACK, L.L.P.
2033 K Street, N.W., Suite 800
Washington, D.C. 20006-1021

The required U.S. Patent and Trademark Office Filing Fee is submitted herewith.

Respectfully submitted,

Norihito TSUKAHARA et al.

By 
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December 5, 2003